

Amendments to the Claims

1-20. (canceled)

21. (currently amended) An in vitro produced aggregate comprising a multiplicity of peptides comprising a polyglutamine repeat sequence wherein said aggregate is in the form of a filament having a diameter of between 1 nm and ~~10 nm less than 5 nm~~ and a length between 20 nm and 100 nm.

22. (canceled)

23. (currently amended) The aggregate of claim 22 ~~claim 21~~ wherein the diameter is less than about 3 nm.

24. (original) The aggregate of claim 21 wherein the length is less than about 75 nm.

25. (original) The aggregate of claim 24 wherein the length is less than about 60 nm.

26. (previously presented) The aggregate of claim 21 wherein at least one peptide in the aggregate comprises a polyglutamine repeat sequence of at least 16 glutamine residues.

27-49. (canceled)

50. (previously presented) The aggregate of claim 21 that has been processed by sonication.

51. (previously presented) A multiplicity of the aggregate of claim 21, wherein the aggregates have been filtered to obtain increased uniformity of size of the aggregates.

52. (previously presented) The aggregate of claim 21 that has been produced by obtaining a solution of non-aggregated peptides containing a polyglutamine repeat sequence, freezing the solution containing the peptides, incubating the peptides in the frozen solution, and permitting the aggregates to form.

53. (previously presented) The aggregate of claim 52 wherein the incubation is at a temperature of between -10°C to -50°C.